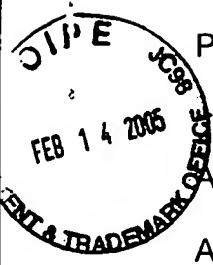


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Nobuhiko NOMA et al. Group Art Unit : 2631
Appl. No. : 10/781,690 Examiner : Not Yet Assigned
Filed : February 20, 2004 Confirmation No. : 3696
For : DSL MODEM APPARATUS AND COMMUNICATION CONTROL METHOD

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop AMENDMENT
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and §§ 1.97-1.98 and supplemental to the Information Disclosure Statement that was filed on May 20, 2004, Applicants hereby submit a copy of a European Search Report that was mailed on January 13, 2005, with respect to patent family member European Patent Application No. EP 04 01 2339.0, in which the following documents were cited:

An article by T. KELLER et al., entitled "Sub-Band Adaptive Pre-Equalised OFDM Transmission", published in Vehicular Technology Conference, September 19, 1999, pp. 334-338;

An article by K. GIRIDHAR, entitled "OFDM Physical Layer-Fundamentals, Standards & Advances", published in Workshop on Wireless Networks, February 14, 2003, pp. 1-81;

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International Patent Application Publication No. WO 99/20027, together with patent family members U.S. Patent No. 6,549,520; U.S. Patent Application Publication No. 2004/0105465; and U.S. Patent Application Publication No. 2004/0085987;

European Patent Application Publication No. EP 1 207 662, together with patent family member U.S. Patent Application Publication No. 2002/0060990; and

International Patent Application Publication No. WO 01/39384, together with patent family member U.S. Patent No. 6,728,366.

The category of relevance, pertinent portions, and claims to which each document is relevant, as ascertained by the European Examiner are set forth in the European Search Report.

Further to 37 C.F.R. §1.98 (a)(2)(ii), copies of the U.S. patents and U.S. patent application publications are not enclosed herewith. However, if any copies are needed, the Examiner is respectfully requested to contact the undersigned.

Applicants respectfully request that the Examiner consider the above material and cite the same. Copies of the above-noted foreign documents and articles are attached hereto and all of the documents are listed on the attached PTO-1449 Form. The Examiner is requested to initial the appropriate spaces on the attached Form and to return a copy of the completed Form to Applicants with the next official communication in the present application.


Applicants note that an Office Action on the merits has not issued in the present application, and thus no fee is believed necessary to ensure consideration of the submitted material. However, if an Office Action on the merits has issued and is crossing this statement in the mail, then Applicants furthermore certify that the

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documents cited in the European Search Report were first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement, and thus no fee is required to ensure consideration of the submitted material.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,
Nobuhiko NOMA et al.



Bruce H. Bernstein
Reg. No. 29,027

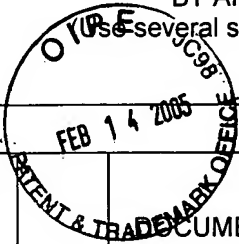
Steven Wegman
Reg. No. 31,438

February 11, 2005
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191

FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P24205Application No.
10/781,690INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

Applicant
Nobuhiko NOMA et al.Filing Date
February 20, 2004Group
2631

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6 5 4 9 5 2 0	04/15/03	GROSS et al.			
	2004 0 1 0 5 4 6 5	06/03/04	GROSS et al.			
	2004 0 0 8 5 9 8 7	05/06/04	GROSS et al.			
	2002 0 0 6 0 9 9 0	05/23/02	BOHNKE et al.			
	6 7 2 8 3 6 6	04/27/04	KARKARÖET et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
99	/ 2 0 0 2 7	04/22/99	W.I.P.O			
01	/ 3 9 3 8 4	05/31/01	W.I.P.O			
	1 2 0 7 6 6 2	05/22/02	E.P.O			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	An article by T. KELLER et al., entitled "Sub-Band Adaptive Pre-Equalised OFDM Transmission", published in Vehicular Technology Conference, September 19, 1999, pp. 334-338.
2	An article by K. GIRIDHAR, entitled "OFDM Physical Layer-Fundamentals, Standards & Advances", published in Workshop on Wireless Networks, February 14, 2003, pp. 1-81.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.